

CENTRAL INTELLIGENCE AGENCY

REPORT

INFORMATION REPORT

CD NO.

COUNTRY: Yugoslavia

CONFIDENTIAL

DATE DISK 1 DEC 50

SUBJECT: Jet Aircraft Engines Tested

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1. Four BMW-003 engines are installed on the German ARADO A. R. 234 C plane (which is a modernized version of the A. R. 234 B) in groups of two BMW-003 engines under each wing.
2. During April 1950 tests conducted at the Ecka Airport demonstrated that this plane could attain a speed of 820 kilometers per hour at an altitude of 5,500 meters. The highest altitude reached was 10,500 meters. Fully loaded the plane, which serves as a bomber, will carry a 1,800 kilogram bomb load.
3. At present four sets of BMW-003 engines (a total of 16 engines) are being constructed and will be installed on four planes. The engine parts are being supplied by various enterprises, such as Workshop No. 137 in Rankovicevo, the Industry of Motors in Rakovica, the 21 May Enterprise in Rakovica, and the Tam Factory in Maribor. The plan for 1950 calls for the completion of two sets of BMW-003 (eight engines), which will accommodate two planes.
4. Yugoslav plans for the construction of jet engines are progressing well. Because planes on which BMW-003 engines can be installed are not available, Yugoslav-made planes will be used in such a way that one engine will be installed under each wing, corresponding to the German ARADO A. R. 234 B which has a total of two jet turbine engines, JUNKERS JUMO-004. Planes which will be equipped with one BMW-003 engine similar to the German HEINKEL H. E. 162 are being built individually in Yugoslavia under the greatest secrecy.
5. At present Yugoslavia has only two jet airplanes which have been described above. One of these planes was seriously damaged in June 1950 during test flights at the Ecka Airport and has been under repairs for three months. Plans in the Yugoslav Military Air Force Command call for the completion of turbine engine planes by the end of 1951.

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